

Converting Colors

Hex(39BF9E)

Have a look what the booklet for
Hex(39BF9E) contains.

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Color

Hex(39BF9E)

Conversions

Conversions Part 1

Format	Color
Hex	39BF9E
RGB	57, 191, 158
RGB Percent	22%, 75%, 62%
CMY	0.7765, 0.2510, 0.3804
CMYK	0.70, 0.00, 0.17, 0.25
HSL	165°, 54%, 49%
HSV	165°, 70%, 75%
XYZ	26.4897, 40.6001, 38.7882
YIQ	147.1720, -69.2710, -38.6710

Conversions

Conversions Part 2

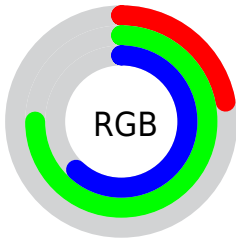
Format	Color
RYB	57, 133, 191
Decimal	3784606
CIELab	69.89, -43.64, 6.32
CIElCh	70, 44.091, 171.764
Yxy	40.6001, 0.2502, 0.3835
Android (android.graphics.Color)	4281974686 (0xFF39BF9E)
YUV	147.1720, 5.3382, -79.0808
Hunter-Lab	63.7182, -37.2987, 8.5102

Details

The Hex color **39BF9E** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BF395A**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **79F8D5**, and **00896B** is the 20% darker color. If you saturate the color by 10%, you get **26BF99**, and if you desaturate by 10%, it is **4CBFA3**.

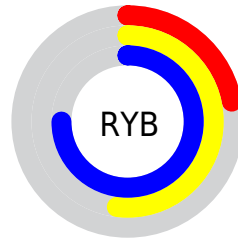
Distribution



Red (22%)

Green (75%)

Blue (62%)



Red (22%)

Yellow (52%)

Blue (75%)

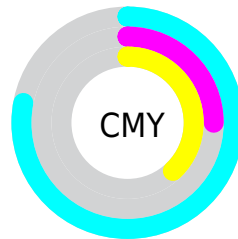


Cyan (70%)

Magenta (0%)

Yellow (17%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BF9E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 39BF9E by changing the saturation by 10% instead.

 39BF9E

 39BF9E

FFFFFF

 00A384

 79F8D5

 00896B

 97FFF1

 006E53

 B5FFFF

 00553B

 D3FFFF

 003D26

 F1FFFF

 002811

 000000

 39BF9E

 39BF9E

 26BF99

 4CBFA3

■ 13BF95

■ 5FBFA7

■ 00BF90

■ 72BFAC

■ 85BFB1

■ 99BFB6

■ ACBFBA

■ BFBFBF

■ D2BFC4

■ E5BFC8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78BA78



39BF9E



00BFC7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39BF9E



9EA5F5



EA966D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39BF9E



BF395A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F78C8F



39BF9E



D296DD

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39BF9E



52B2F9



F08BB8



CEA55B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39BF9E



00BDDF



F08BB8



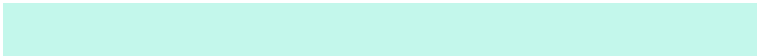
F19277

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39BF9E



C3F7EB



5ABF39



5E7D75



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39BF9E



28F7C4



399EBF



555E5C



009E77



001F17

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BF395A



F7285B



BF5A39



5E5557



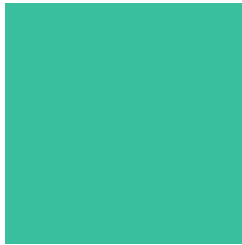
9E0027



1F0008

Previews

White Background



This preview shows how the Hex color 39BF9E looks on a white background.

Color Contrast Check

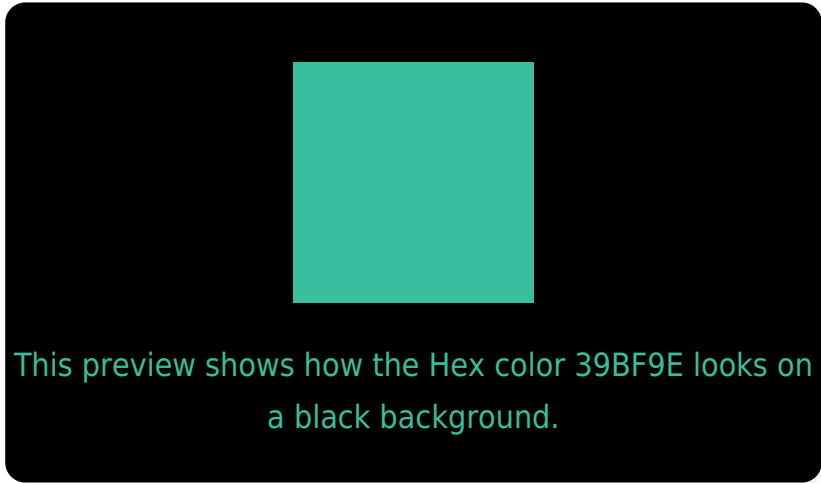
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

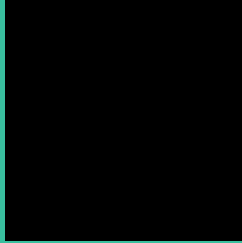
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

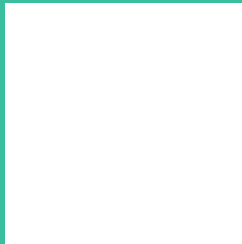
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 39BF9E Background



This preview shows how black text looks on a background with the Hex color 39BF9E.

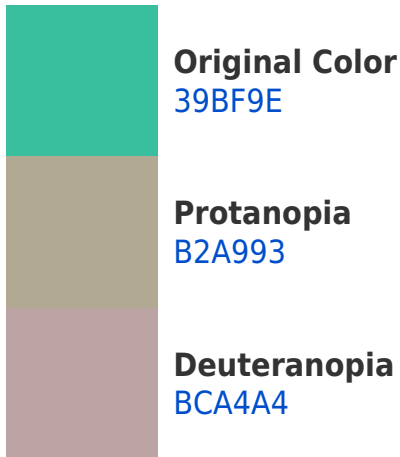


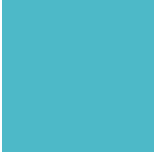
This preview shows how white text looks on a background with the Hex color 39BF9E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

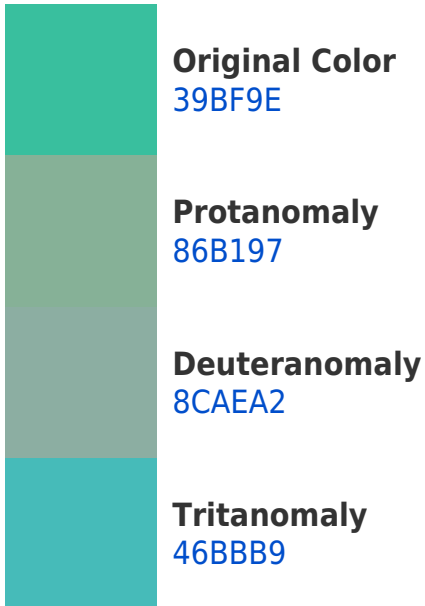
Dichromacy





Tritanopia
4DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BF9E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #39BF9E looks like.

```
.text, #text, p{  
    color:#39BF9E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #39BF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BF9E
}
```

Border

The CSS property to change the border of an element to Hex 39BF9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#39BF9E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#39BF9E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #39BF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BF9E; -webkit-box-shadow:4px 4px  
4px 4px #39BF9E; box-shadow:4px 4px 4px  
4px #39BF9E }
```

Background

The CSS property to change the background color of an element to Hex 39BF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BF9E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#39BF9E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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